

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/980,862A
Source: FW/b
Date Processed by STIC: 3/3/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENT/IN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING

DATE: 03/03/2005

PATENT APPLICATION: US/09/980,862A

TIME: 10:49:44

Input Set : D:\amended sequence listing.DOC

Output Set: N:\CRF4\03032005\I980862A.raw

3 <110> APPLICANT: SCHLEHUBER, STEFFEN
5 <120> TITLE OF INVENTION: MUTEINS OF THE BILIN-BINDING PROTEIN
7 <130> FILE REFERENCE: 029029/0101
9 <140> CURRENT APPLICATION NUMBER: 09/980,862A
C--> 10 <141> CURRENT FILING DATE: 2002-02-27
12 <150> PRIOR APPLICATION NUMBER: DE 199 26 068.0
13 <151> PRIOR FILING DATE: 1999-06-08
E--> 15 <160> NUMBER OF SEQ ID NOS: (27)28 (p.2)
17 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
Corrected Diskette Needed

pp 1-3

ERRORED SEQUENCES

last sequence in submitted file 09/980,862A 2

page 2 of 4

<210> 28
<211> 174
<212> PRT

<213> Wild type sequence of mature bilin binding protein, of *Pieris brassicae*
<400> 28

Asp Val Tyr His Asp Gly Ala Cys Pro Glu Val Lys Pro Val Asp
5 10 15
Asn Phe Asp Trp Ser Gln Tyr His Gly Lys Trp Trp Glu Val Ala
20 25 30
Lys Tyr Pro Asn Ser Val Glu Lys Tyr Gly Lys Cys Gly Trp Ala
35 40 45
Glu Tyr Thr Pro Glu Gly Lys Ser Val Lys Val Ser Asn Tyr His
50 55 60
Val Ile His Gly Lys Glu Tyr Phe Ile Glu Gly Thr Ala Tyr Pro
65 70 75
Val Gly Asp Ser Lys Ile Gly Lys Ile Tyr His Ser Leu Thr Tyr
80 85 90
Gly Gly Val Thr Lys Glu Asn Val Phe Asn Val Leu Ser Thr Asp
95 100 105
Asn Lys Asn Tyr Ile Ile Gly Tyr Tyr Cys Lys Tyr Asp Glu Asp
110 115 120
Lys Lys Gly His Gln Asp Phe Val Trp Val Leu Ser Arg Ser Met
125 130 135
Val Leu Thr Gly Glu Ala Lys Thr Ala Val Glu Asn Tyr Leu Ile
140 145 150
Gly Ser Pro Val Val Asp Ser Gln Lys Leu Val Tyr Ser Asp Phe
155 160 165
Ser Glu Ala Ala Cys Lys Val Asn Asn
170

*This is the
source, and
is the only
necessary <213>
response.*

change "27" to "28"
FYI

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/03/2005
PATENT APPLICATION: US/09/980,862A TIME: 10:49:45

FYI

Input Set : D:\amended sequence listing.DOC
Output Set: N:\CRF4\03032005\I980862A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:16; Line(s) 881

VERIFICATION SUMMARY

DATE: 03/03/2005

PATENT APPLICATION: US/09/980,862A

TIME: 10:49:45

Input Set : D:\amended sequence listing.DOC

Output Set: N:\CRF4\03032005\I980862A.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:849 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16
L:853 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16
L:2032 M:283 W: Missing Blank Line separator, <400> field identifier
L:15 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (27) Counted (28)